



# SPECIFICATIONS

## ST-3 XIT3

TRANSFORMER RATED  
WIRELESS SITE TESTER

### COMPATIBLE METERS BASES

Single-Phase	3S and 4S
Polyphase	5S, 6S, 8S, 9S, 35S and 45S
Fitzall™	CT Rated

### COMPATIBLE DEVICES

Operating system	IOS®, Android®, Windows®
------------------	--------------------------

### INPUT

Voltage	100 – 600VAC
Working Voltage	100 – 480VAC +/- 10%
Line Frequency	58 – 62Hz
Bypass Circuit	20A (max for CT Rated)
Circuit Breakers	2 x 1A (press-to-reset mechanism)

### COMMUNICATION

Wireless	802.11b/g Access Point Only
I/O Port	Full duplex for wired updates only
Update	USB Cable

### MULTIFUNCTION MEASUREMENTS ACCURACY

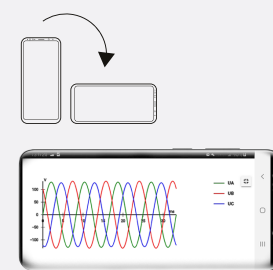
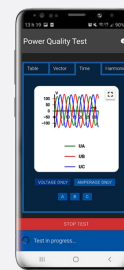
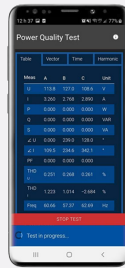
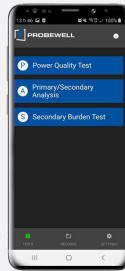
RMS Voltage	±0.1% maximum
RMS Current	±0.1% maximum
Frequency	±0.1% maximum

### ENVIRONMENT

Operation Temperature	-4° to 140°F (-20° to 60°C)
Storage Temperature	-4° to 140°F (-20° to 60°C)
Humidity	0% to 95% (non condensing)

### PHYSICAL DIMENSIONS

Test Socket (Diam. x L)	6.9" x 5.4"
-------------------------	-------------



### WEIGHT

Test Socket	4.5 lb
-------------	--------

### SUPPORTED TEST (WITH OR WITHOUT ACCESSORIES)

Power Quality Analysis	Vrms, Irms, Frequency Active Power (W) Reactive Power (VAR) Apparent Power (VA) Power Factor Vrms Factor Vrms THD, Irms THD Current Phase Angle Voltage Phase Angle Phase Sequence Detection 80ms of data per channel
Waveform Viewer	
CT Burden	0.1, 0.2, 0.5, 1.0, 2.0, 4.0, 8.0

### Admittance

### Demagnetization

### SUPPORTED TEST (WITH ACCESSORIES)

CT primary to secondary ratio	
CT primary -> secondary phase	
PT primary to secondary ratio	
PT primary -> secondary phase	

### ACCESSORIES

- Primary CT Flex Cables
- Primary PT/VT clamp

Electronically compensated with auto detection

## MT-1 WT1

HIGH ACCURACY SINGLE-PHASE  
WIRELESS WATTHOUR METER TESTER

## MT-1 WT3

HIGH ACCURACY THREE-PHASE  
WIRELESS WATTHOUR METER TESTER

### COMPATIBLE METERS

Single-Phase	<b>WT1</b> 1S, 2S, 3S*, 4S, 5S(35S), 12S, 45S <b>WT3</b> 1S, 2S, 3S*, 4S, 12S(N)
Polyphase	<b>WT3</b> 6S, 8S, 9S, 12S, 14S, 15S, 16S
Class	<b>WT3</b> 10, 20, 100, 200, 320

### COMPATIBLE DEVICES

Operating system	IOS®, Android®, Windows®
------------------	--------------------------

### TEST SOCKET

Input Voltage	100 - 600VAC
Line Frequency	58 - 62Hz
Power Consumption	75VA (maximum)
Circuit Breakers	2 x 1A

### CURRENT SYNTHESIZERS

Adjustable Current	0.25 to 50A
Phase Angle (Wh)	Unity and 60° Lag
Phase Angle (VARh)	<b>WT3</b> 90° and 30° Lag

### THREE-PHASE WATTHOUR STANDARD

Typical Accuracy	±0.02%
Guaranteed Accuracy	±0.05%

### TEMPERATURE

Operation	-4° to 140°F (-20° to 60°C)
Storage	-4° to 140°F (-20° to 60°C)
Humidity	5% to 95% (non condensing)

### PHYSICAL DIMENSIONS

Test Socket (D x H)	6.9" x 7.7"
---------------------	-------------

### WEIGHT

Test Socket	6.4 lb
-------------	--------

### ADVANCED FEATURES

Wh/VARh Test	Line Monitor
Reverse Flow Test for bidirectional meters	KW Demand Test Creep Test